Final bill
Recorded on:-

Job Number :- 002-20-00008

M. A. R. 57 (Rule 116) No. E

Measurement Book

493129

Serial No. ..... Work order No :- BBMP/EE/YNK.D/W.O/175/2019-20

Name of work ..... Improvements to roads and drains at JP Colony main and Cross roads and Providing paving areas in Ward no-020 of Yelahanka Subdivn.

Name of Contractor of nature of Agency ..... From ..... To .....

Date of commencement of work ..... M/S. Technical manager(work) KRIDL, Bangalore 5th floor, 17th main Shanthkumara Swamy Building, Bhashyam Circle Bl-10

Date	Full description, etc, of work	Dimensions				Contents	Reference to last Measurement
		Number	Length	Breadth	Depth		
1	2	3	4	5	6	7	8
	(1) KSRRB 300 - Excavation for road, drains and similar works KSRRB 300-1 Earthwork esclavation by manual means in ordinary soil involving an average horizontal throw upto 2 meters and an average lift upto 1.5m excavated surface levelled & sides neatly dressed as per Specifications. Quantity vide, As per pre-measurement are prepared in excell book and page no of :- (1) 918.6H m^3 CRS. 215:28					1977.60	
	(2) KSRRB M2100-10 Providing and laying plain Cement Concrete of mix 1:3:6 with opc @220kgs. with Gushed stone & dust size						

Reference to last Measurement 8

MEASUREMENT BOOK

Date	Full description, etc. of work	Dimensions				Contents	Reference to last Measurement
		Number	Length	Breadth	Depth		
1	2	3	4	5	6	7	8
	Graded granite metal & fine aggregates @ 0.46 cum, mixed. Placed in foundation and including curing for 14 days as per Quantity vide AR Pre measurement are prepared in excell book and Page no of: (1)					Course aggregates @ 0.89 cum in foundation mechanically Compacted by vibration Specifications.	
	CRS. 5+21.90 to 6G+6+2.50		122.58				
(3)	Providing and laying Plain/rein forced Cement Concrete mix nominal mix Concrete with Down and for Side drains down Side Granite metal Course aggregates at 0.69 cum & fine aggregates at 0.46 cum & Course aggregates at 0.89 cum						

M. A. R. 57 (Rule 116) No. E

Measurement Book

Serial No. 493130

Name of work ..... From ..... To .....

Name of Contractor of nature of Agency .....

Date of commencement of work .....

Date	Full description, etc, of work	Number	Dimensions: Length	Breadth	Depth	Contents	Reference to last Measurement
1	2	3	4	5	6	7	8
	0.43 Cum machine mixed, well compacted for walls & bottom including Centering Shuttering Cost of material Hire of machine -ry Curing etc as per Specifications. Quantity vide, As per measurement are prepared in excell book and page no of:- (1) :- 203.84 m³ CRS 707.20					14,41190.28	
	(4) IS:RRB - on 2800-14: Providing TMT steel reinforcement for R.C.C works including Straightening cutting bending hooking, placing in position. lapping and/or welding wherever required						

MEASUREMENT BOOK

Date	Full description, etc. of work	Dimensions				Contents	Reference to last Measurement
		Number	Length	Breadth	Depth		
1	2	3	4	5	6	7	8
	tying with binding wire and anchoring to the adjoining members wherever necessary. Complete as per design (Steel hooks and wastage shall not be measured and paid) as per Specification.						
	Quantity vide, AS per pre-measurement are prepared in Cuttell book and page No of: (2):						
	(5) Providing and fixing RCC pre cast cover slab of 100mm thick for drain in 14.5kms @ 10.5058.00 CRS cement concrete 1:1.5:3 using grade granite fully 20mm down size with steel reinforcement. 7392.24						
	-ment, including formwork, liftchanges, curing & Concrete						

Serial No. ____
Name of Work ____
Name of Divisions of Public Works ____
Date of Commencement of Work ____

Date	Full description, etc. of work	Dimensions				Contents	Reference to last Measurement
		Number	Length	Breadth	Depth		
1	2	3	4	5	6	7	8
	finished surfaces of ...						
	Quantity vide, AS per ...						
	in Cuttell book and Page ...						
	Grinding and fixing Pre Cast ...						
	made out of CC 1:2:4 with ...						
	finish 4mm high and ...						
	Polishing and finishing ...						
	to Specification.						

M. A. R. 57 (Rule 116)
Measurement Book

No. E 493131

Serial No. .....

Name of work ..... From ..... To .....

Name of Contractor of nature of Agency .....

Date of commencement of work .....

Date	Full description, etc, of work	Dimensions				Contents	Reference to last Measurement
		Number	Length	Breadth	Depth		
1	2	3	4	5	6	7	8
	finished surfaces on both sides etc as per Specifications. Quantity vide, As per measurement are prepared in excell book and page no of:- (2) :- 516.41 m² @ Rs. 2337.00						1206838.49
	(6) Providing and fixing pre cast Solid Cement Concrete Kerb Stones made out of cc 1:2:4 with top and bottom width 11½ and 165 mm respectively. 400mm high and 450mm in length finished with cm 1:3 plastering and finishing cutting including formwork etc as Per Specifications.						

MEASUREMENT BOOK

Date	Full description, etc, of work	Dimensions				Contents	Reference to last Measurement
		Number	Length	Breadth	Depth		
1	2	3	4	5	6	7	8
	Quantity vide, AS per measurement prepared in excell book and page no of:-						
	① Painting two coats after filling Synthetic enamel paint in approved Plastered Concrete Surfaces with Complete as per Specifications.						
	Quantity vide, AS per measurement prepared in excell book & page no of:-						
	① :-					1256.00	
	CRS.					452.48	
						5713.94.88	
	The Surface with shades on new materials labour						
	① :-					226.00	
	CRS.					84.80	
						1916.80	

Painting and fixing
part cc 1:2:4 and
cement including
finished surfaces on both
quantity vide AS per
in excell book and

Construction of
designed layout

M. A. R. 57 (Rule 116)
Measurement Book

No. E

493132

Serial No. .....

Name of work ..... From ..... To .....

Name of Contractor of nature of Agency .....

Date of commencement of work .....

Date	Full description, etc, of work	Dimensions				Contents	Reference to last Measurement
		Number	Length	Breadth	Depth		
1	2	3	4	5	6	7	8
	(8) Providing and fixing Rcc pre Cast Cover Slab of 250mm Thick made out of cc 1:2:4 and jelly 20mm and down size with steel reinforcement including forom works, lift charges, curing and Concrete finished surfaces on both sides etc complete as per specifications. Quantity vide As per measurements are prepared in excell book and page no of:- (3):- 21.60 m² @ Rs 5418.00 = 117028.80						
	(9) Construction of granular Sub-base, Grading-V of Sub base & drainage layer by providing Coarse graded Crushed Stone aggre-						

Reference to last Measurement 8

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MEASUREMENT BOOK

Date 1	Full description, etc, of work 2	Number 3	Length 4	Breadth 5	Depth 6	Contents 7	Reference to last Measurement 8
	gates of granite/trap/basalt material, mixing in a mechanical plant at one ckd per Specifications.						
	Quantity vide, AS per pre measurement are prepared in excell book and page no of:- (3):- 123.53 m3						
	CRS 1994.92 24643247						
	(10) KSRRB M400-17. Providing, laying, spreading and compacting crushed stone aggregates of granite/trap/basalt to wet mix macadam specification including premixing the material with water at WMM in mechanical mix plant carriage of mixed materials by tipper to site, etc as per Specifications.						

Quantity vide, AS per ... in excell book and page ...

KSRRB M500-6. Providing and prepar... bitumen emulsion including ... at the rate of ... Specifi...

Quantity vide, AS ...

M. A. R. 57 (Rule 116) No. E
Measurement Book

493133

Serial No. .....
Name of work ..... From ..... To .....
Name of Contractor of nature of Agency .....
Date of commencement of work .....

Date	Full description, etc, of work	Dimensions				Contents	Reference to last Measurement
		Number	Length	Breadth	Depth		
1	2	3	4	5	6	7	8
	Quantity vide, AR per pre-measurement are prepared in cocall book and page no of:- (3) :- 247.06 m² CRS 2001.28					494436.24	
	(11) KSRR m500-6. Providing and applying primer Coat with S.S bitumen emulsion on prepared surface of granular base such as wmm including cleaning of road surface & Spraying primer at the rate of 0.6kg/sqm using mechanical means Complete as per Specifications.						
	Quantity vide, AR per pre-measurement are prepared						

MEASUREMENT BOOK

Date	Full description, etc, of work	Dimensions: Number	Length	Breadth	Depth	Contents	Reference to last Measurement
1	2	3	4	5	6	7	8
	in excell book & page no of :- (4) :-					2491.05 m2	
	@Rs 33.92					84496.42	
	(12) KSRRB M500-17. Providing and laying dense graded bituminous macadam using crushed aggregates of specified grading, premixed with VG30 grade bituminous binder & transporting the hot mix to work site, etc as per specifications.						
	Quantity vide AS per pre-measurement are prepared in excell book & page no of :- (4) :-					124.55 m3	
	@Rs 7428.48					925217.18	
	(13) KSRRB 500-7. Providing and applying tack coat using						

...grade bitum...
at 2.5 kg per 10 sqm...
Quantity vide AS per pr...
in excell book & page n...

(...) Providing and laying ...
mix plant using G...
premixed with bi...
The hot mix t...

M. A. R. 57 (Rule 116) No. E
Measurement Book

Serial No. .....

493134

Name of work ..... From ..... To .....

Name of Contractor of nature of Agency .....

Date of commencement of work .....

Date	Full description, etc, of work	Dimensions				Contents	Reference to last Measurement
		Number	Length	Breadth	Depth		
1	2	3	4	5	6	7	8
	80/100 grade bitumen (VG10) on the prepared black topped surfaces at 2.5 Kg per 10 Sq.mtrs complete as per Specifications.						
	Quantity vide AR per pre measurement are prepared in excell books & page no of- (13) :- 3576.70 m2						
	CRS 12.72					45495.62	
(14)	Providing and Laying bituminous Concrete 40mm Thick with hot mix plant using Crushed aggregates of Specified grading premixed with bituminous binder and filler transporting the hot mix to work site etc as per Specifications						

MEASUREMENT BOOK

Date 1	Full description, etc, of work 2	Number 3	Length 4	Breadth 5	Depth 6	Contents 7	Reference to last Measurement 8
	Quantity vide AS per measurement are prepared in excel book & page no of: (14) :: 143.07 m3 @Rs. 8 699.42					1244628.02	
	(15) KSRRB m800-13. Road marking with hot Applied Thermoplastic Compound with Reflectorising Glass beads on bituminous Surface/ Concrete Surface providing and laying of hot applied Thermoplastic Compound 2.5mm thick etc as per Specifications. Quantity vide AS per measurement are prepared in excel book & page no of: (15) :: 127.00 m2 @Rs. 454.74					57751.98	

Executive Engineer
Yelahanka Sub. Division
(BBMP Ynk. Zn)
Yelahanka, Bangalore

2/1/2020

03/01/2020
TAE-02

CERTIFICATE:
Certified that the above
Certified that the
03/01/2020
AE-02

M. A. R. 57 (Rule 116) No. E

Measurement Book

Asst Executive Engineer
Yelahanka Yeshwanthpura Sub Division
KRIDL BBMP Bangaloro

493135

Serial No. .....

Name of work ..... From ..... To .....

Name of Contractor of nature of Agency .....

Date of commencement of work .....

Date	Full description, etc, of work	Number	Dimensions: Length	Dimensions: Breadth	Dimensions: Depth	Contents	Reference to last Measurement
1	2	3	4	5	6	7	8
	Sub Total Amount RS=						83,63,861.46
	Add KRIDL @4% RS=						3,34,554.46
	Add GST @12% RS=						10,03,663.39
	Total Amount RS=						97,02,079.47
31/12/2020	Asst. Executive Engineer Yelahanka Sub. Divison (BBMP Ynk. Zn) Yelahanka, Bangalore						
03/01/2020	AE-02						
	CERTIFICATE:						
	(1) Certified that the above work done is Satisfactory Completed.						
	(2) Certified that the There is no debries have been cleared to Site.						
03/01/2020	AE-02						

Asst Engineer / Yeshwanthpura Sub Division / KRIDL, BBMP, Bangalore

MEASUREMENT BOOK

Date 1	Full description, etc, of work 2	Dimensions: Number 3	Length 4	Breadth 5	Depth 6	Contents 7	Reference to last Measurement 8
	L=54.0mtr						
	L=74.9mtr						
	Road Slope 1:4						
	L=16.10mtr						
	2nd main Road		L=129.0mtr				
	L=199.0mtr						
	1st main Road						
	INDEX :-						
	- Executing BC Roads						
	- Rec drain						
	- Culverts						
	Security 3/0 1/2 mtr						
	2nd Cross		L=118.0mtr				
	L=33.0mtr						
	L=31.0mtr						
	3rd Cross		L=112.0mtr				
	Cross Road						

Asst. Executive Engineer
Yelahanka Sub. Divison
(BBMP Ynk. Zn)
Yelahanka, Bangalore

M. A. R. 57 (Rule 116) No. E

Measurement Book

493136

Serial No. .....

Name of work ..... From ..... To .....

Name of Contractor of nature of Agency.....

Date of commencement of work.....

Date	Full description, etc, of work	Number	Dimensions: Length	Dimensions: Breadth	Dimensions: Depth	Contents	Reference to last Measurement
	2	3	4	5	6	7	8
	Gross Amt =Rs 9702079-00	S BR NO 69/19-20					
		09-01-2020.					
	FSD =Rs 485104-00						
	CGST = Rs 86626-00	Audited & Admitted for Rs. 9702079-00					
	SGST = Rs 86626-00						
	IT = Rs 194042-00						
	LC = Rs 97020-00		8651525-00				
	CBF = Rs 9702-00	and Rs. 1050554					
	Royalty =Rs 91434-00						
	T D. = Rs 1050554-00	Accts Section Yelahanka Division Bangalore					
	Net Amt=Rs 8651525-00						

Executive Engineer Yelahanka Division BBMP